

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/699,143
		Filing Date	11/01/03
		First Named Inventor	Fusao Ishii
		Art Unit	2873
		Examiner Name	HANIG
Sheet	1	of	1
		Attorney Docket Number	

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
RAH		US- 4592628-B1	06-03-1986	C. Altman, et al.	p. 3, Figs. 3, 4
		US- 4662746-B1	05-05-1987	L. J. Hornbeck	p. 7, Figs. 8, 9
		US- 5583688-B1	12-10-1996	L. J. Hornbeck	p. 3, Fig. 2
		US- 5216537-B1	06-01-1993	L. J. Hornbeck	p. 4, Fig. 4
		US- 6344672-B2	02-05-2002	J. D. Huffman	p. 7, col. 2, lines 20-33
		US- 5835256-B1	11-10-1998	A. Huibers	p. 5, Fig. 4
		US- 2003/0134449-A1	07-17-2003	A. G. Huibers	p. 5, Fig. 4
		US- 6538800-B2	03-25-2003	A. G. Huibers	p. 25, col. 9, lines 26-53
		US- 6479320-B1	11-12-2002	R. W. Gooch, et al.	p. 8, Fig. 14
		US- 6537892-B2	03-25-2003	L. L. Jordan, et al.	p. 5, col 5, lines 27-61
		US- 6583079-B1	06-24-2003	Y. Jimura, et al.	p. 3, col. 4, lines 22-35
		US- 6407501-B1	06-18-2002	I.-s. Song, et al.	p. 3, Figs. 2, 3
		US- 6129603-B1	10-10-2000	J. Y. Sun, et al.	p. 8, col. 6, lines 1-60
		US- 5997378-B1	12-07-1999	D. Dynka, et al.	p. 4, Fig. 3A
RAH		US- 6507082-B2	01-14-2003	S. Thomas	pp. 2-4, Figs. 1-10
		US-			

FOREIGN PATENT DOCUMENTS

Examiner Signature	R. Hanig	Date Considered	02/03/05
--------------------	----------	-----------------	----------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.